Michigan Agriculture Environmental Assurance Program



General Overview

February 2011



What is MAEAP?

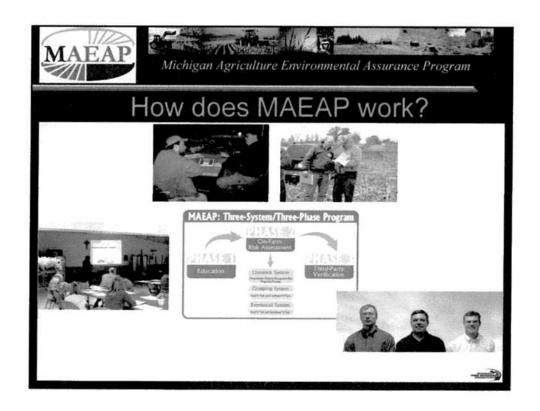
- Partnership
 - > Farmers
 - > Industry Groups
 - > Conservation
 - Agency
 - > University
- Directed by Steering Committee-Partner Representation
- All farm types all sizes

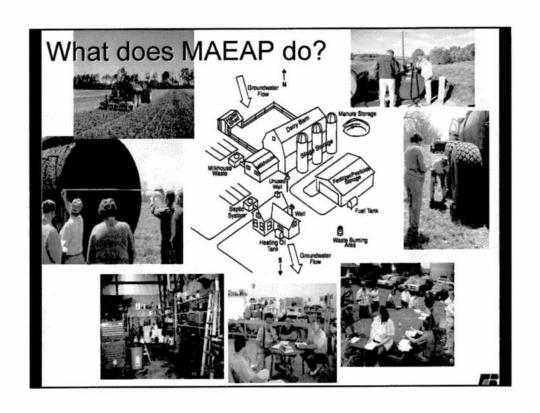


















Why Do Farmers Participate?

- Environmental concern
- · Marketing opportunitiescustomer demand
- Good neighbor
- Regulatory discretion
- Peace of mind the right
 Improved Management thing to do - pride
- · Access to cost-share and incentive payments
- RUP credits

- Liability/Ins \$ Reduction
- RTF protection
- GAP audit assistance
- Follow State and Federal laws
- - Plan for long term
 - Ahead of curve
 - Learn & improve
 - Recognition







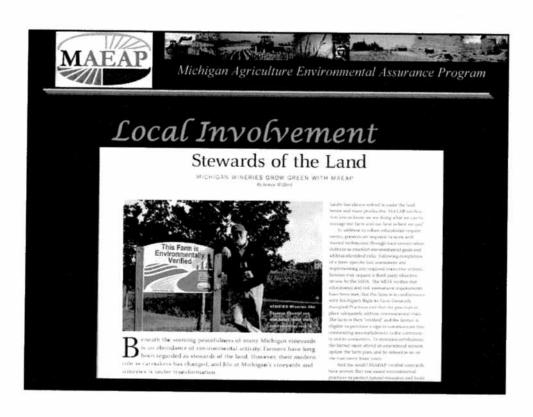
Environmental Gains

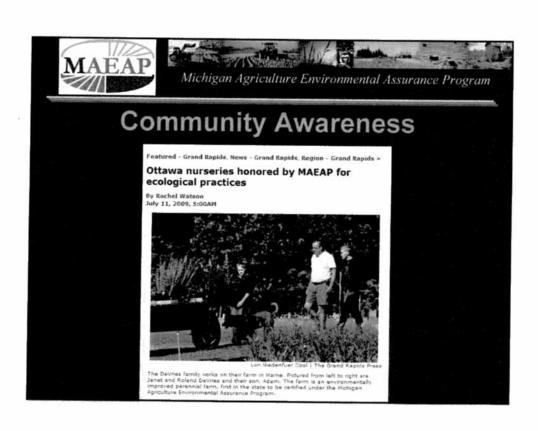
- Currently over 10,000 farms participating with almost 875 verifications
- Sediment reduction Over 142,000 tons per year or 12,668 - 10 yard dump trucks
- Biological Oxygen Demand (5 day) reduction to surface water – over 1.2 million # per year from silage leachate
- 317,200+ acres with Comprehensive Nutrient Management Plan
- Phosphorus reduction to surface water over 260,000# per year = 7,500 tons of algae in lakes and streams

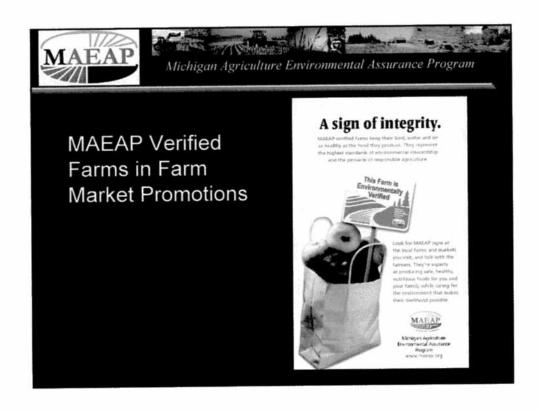


MAEAP Stewardship Practices

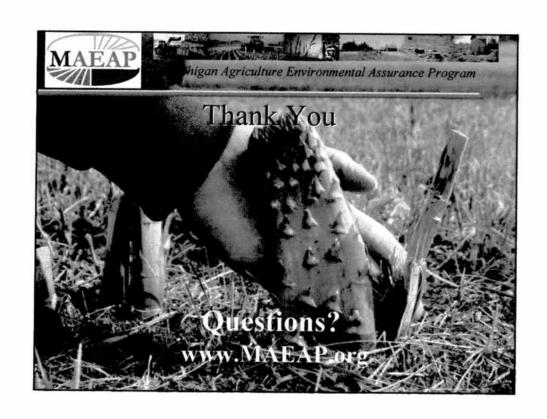
- Over 200,000 acres receiving pesticides have approved pest management plans
- Almost 4,300 acres of filter strips have been installed
- Almost 1,000 gullies have been stabilized, improving water quality
- Annually, over \$1.2 million is spent for practice implementation by farmers working toward MAEAP verification











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